# Façade



- story set-up
  - player takes the role of a close friend of Trip and Grace, a couple whose relationship is in trouble
  - events takes place at Trip's and Grace's home where the player is invited to have a cocktail
- player's control
  - moving and interacting in a 3D environment
  - typing in utterances

(Mateas, 2002; Mateas & Stern, 2004)

#### System structure

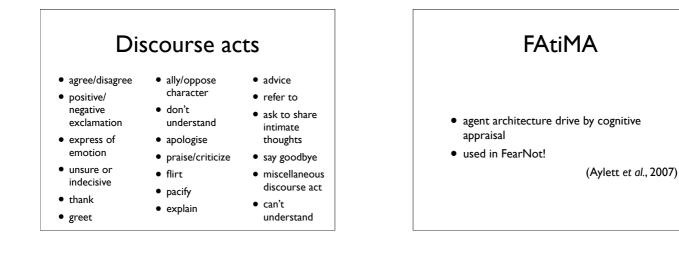
- story comprises dozen carefully scripted interactive narrative scenelets
- time is discretized into beats
  the smallest unit of a value change (i.e. an action-reaction pair)
- techniques to steer the narrative towards the relatively linear set pieces

### Broad-and-shallow approach

- idea inherited from the Oz project
  - broad: all necessary features have an implementation
  - shallow: some features could have been performed better
- characters can act believably, but not necessary intelligently, in a wide range of situations

## Surface-text processing

- I. map surface text into discourse acts
- 2. map discourse acts into character responses

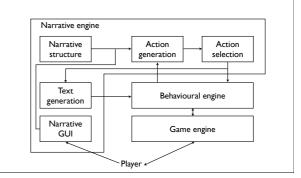


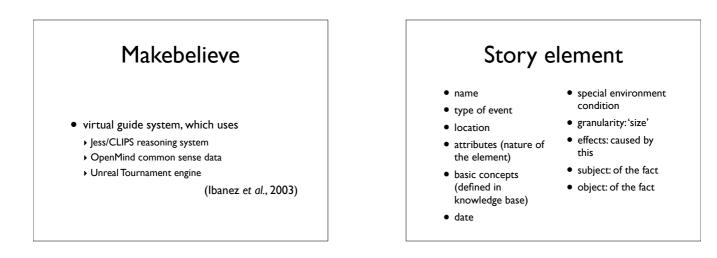
#### Interactive Drama Engine

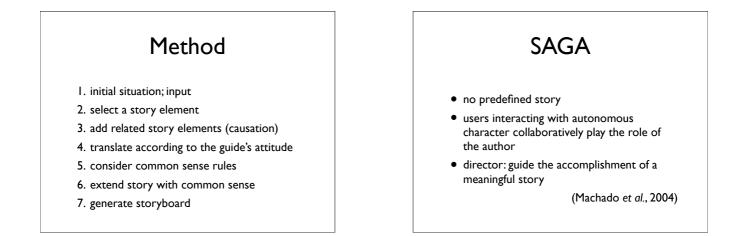
- prototype system
  - non-linear narrative
  - 3D characters
  - graphical user-interface

(Szilas et al., 2007)

#### IDE architecture







## SAGA system

- based on Propp's narrative morphology
- story definition
  - initial story situation
  - variable story schema
- function → plot point → set of generic goals → plan → hierarchy of goals and actions

### Director agent

- I. update situation
- 2. conflict?  $\rightarrow$  select a new episode
- 3. current plot point achieved?  $\rightarrow$  select the next plot point
- 4. reflection event needed?
- 5. new story element introduction needed?